

## EAST Search History

| Ref # | Hits | Search Query  | DBs   | Default Operator | Plurals | Time Stamp          |
|-------|------|---|---|------------------|---------|---------------------|
| L1    | 6807 | ((376/347) or (376/354) or (376/383) or (376/386) or (376/402) or (165/164) or (165/165) or (165/166) or (165/167) or (165/104.11) or (165/104.13)).CCLS.                                 | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2008/05/02<br>16:47 |
| L2    | 2    | 1 and heat adj exchange\$1 and (tertiary ternary third "three") near1 (circuit cycle) and gas near1 turbine and steam   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2008/05/02<br>16:49 |
| L3    | 3    | 1 and heat adj exchange\$1 and (tertiary ternary third "three") near1 (loop circuit cycle) and gas near1 turbine and steam  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2008/05/02<br>16:50 |
| L4    | 1    | ((lecomte near1 michel).in. (framatome).as.) and heat adj exchange\$1.clm. and (tertiary ternary third "three") near1 (loop circuit cycle).clm. and gas near1 turbine.clm. and steam.clm. | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2008/05/02<br>16:52 |
| S1    | 5    | "510599".ap.  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB                 | OR               | OFF     | 2006/03/20<br>12:48 |
| S2    | 1    | "20060056572".pn.   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB                 | OR               | OFF     | 2006/03/20<br>13:38 |
| S3    | 96   | (376/211).CCLS.   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB                 | OR               | OFF     | 2006/03/20<br>13:55 |
| S4    | 0    | S3 and second adj (heat adj exchange heat-exchange) near1 gas with helium with (nitrogen air) and gas adj turbine   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB                 | OR               | ON      | 2007/08/29<br>09:01 |
| S5    | 0    | S3 and (second secondary) near1 (heat adj exchange heat-exchange) near1 gas with helium with (nitrogen air) and gas adj turbine   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB                 | OR               | ON      | 2006/03/20<br>13:43 |
| S6    | 0    | S3 and (second secondary) near1 (heat adj exchange heat-exchange) near1 gas   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB                 | OR               | ON      | 2006/03/20<br>13:43 |

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| S7  | 0   | S3 and (second secondary) near1 (heat adj exchange heat-exchange) near1 (fluid gas)                                | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/03/20<br>13:43 |
| S8  | 1   | S3 and (second secondary) near1 (coolant) near1 (fluid gas)  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/03/20<br>13:44 |
| S9  | 0   | S3 and second near2 (drive adj circuit)  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/03/20<br>13:45 |
| S10 | 378 | ((376/211) or (376/210) or (376/383) or (376/386) or (376/390)).CCLS.  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/03/20<br>13:56 |
| S11 | 1   | S10 and second adj (heat adj exchange heat-exchange) near1 gas with helium with (nitrogen air) and gas adj turbine | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/03/20<br>13:57 |
| S12 | 9   | (376/386).CCLS.  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/03/20<br>14:29 |
| S13 | 2   | S12 and helium   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/03/20<br>13:58 |
| S14 | 2   | S12 and helium and nitrogen  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/03/20<br>14:11 |
| S15 | 2   | S12 and helium same nitrogen   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/03/20<br>13:59 |
| S16 | 2   | S12 and helium with nitrogen   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/03/20<br>13:59 |
| S17 | 0   | S12 and gas adj trubine  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/03/20<br>14:30 |
| S18 | 1   | S12 and gas adj turbine  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/03/20<br>14:30 |

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| S19 | 4    | S12 and turbine  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/03/20<br>14:54 |
| S20 | 6    | helium with nitrogen with (thermal exchange<br>heat adj transfer heat adj exchange) and<br>"376"/\$7.ccls. | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/03/20<br>14:55 |
| S21 | 5    | "510599".ap.   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/10/01<br>10:42 |
| S22 | 5    | ((("4,413,348") or ("4,576,783"))).PN.   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/10/01<br>11:28 |
| S23 | 6    | ((("3218802") or ("4045285"))).PN.   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/10/01<br>13:44 |
| S24 | 455  | "g21d"\$4 and heat adj exchange and nuclear  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/10/01<br>13:47 |
| S26 | 281  | "g21d"\$4 and heat adj exchange and nuclear<br>and @ad<"20020413"  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/10/01<br>14:21 |
| S27 | 0    | high-temperature near2 reactor and pool-<br>type and "376"/\$7.ccls.                                       | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/10/01<br>14:25 |
| S28 | 7    | high-temperature near2 reactor and helium<br>and nitrogen and water and steam and "376"/<br>\$7.ccls.      | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/10/01<br>15:46 |
| S29 | 1024 | ((376/347) or (376/354) or (376/383) or<br>(376/384) or (376/386) or (376/402)).CCLS.                      | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/10/01<br>15:47 |
| S30 | 530  | S29 and @ad<"20030408"   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/10/01<br>15:49 |

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| S31 | 46   | (US-20060056572-\$ or US-20030091141-\$).<br>did. or (US-6909765-\$ or US-6674830-\$ or<br>US-6459750-\$ or US-5754613-\$ or US-<br>5526386-\$ or US-5457721-\$ or US-5267288-<br>\$ or US-5045272-\$ or US-4816211-\$ or US-<br>4761260-\$ or US-4666662-\$ or US-4576783-<br>\$ or US-4510118-\$ or US-4413348-\$ or US-<br>4315404-\$ or US-4312184-\$ or US-4304634-<br>\$ or US-4297873-\$ or US-4186051-\$ or US-<br>4166362-\$ or US-4164849-\$ or US-4144723-<br>\$ or US-4104119-\$ or US-4104117-\$ or US-<br>4099385-\$ or US-4093514-\$).did. or (US-<br>4089744-\$ or US-4087985-\$ or US-4021299-<br>\$ or US-4003786-\$ or US-3998695-\$ or US-<br>3992884-\$ or US-3986925-\$ or US-3979914-<br>\$ or US-3968653-\$ or US-3947319-\$ or US-<br>3941187-\$ or US-3930371-\$ or US-3851474-<br>\$ or US-3826091-\$ or US-3631873-\$ or US-<br>3625817-\$ or US-3561406-\$).did. or (JP-<br>06003491-\$).did. | US-PGPUB;<br>USPAT; JPO                                 | OR | OFF | 2006/10/01<br>15:58 |
| S32 | 5    | "264914".ap.   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/10/01<br>22:43 |
| S33 | 1610 | "al.sub."\$4 near1 "ga.sub."\$4 near1 "n"  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/10/26<br>15:58 |
| S34 | 1610 | "al.sub."\$4 near1 "ga.sub."\$4 near1 "n"  | US-PGPUB;<br>USPAT                                      | OR | ON  | 2006/10/26<br>15:59 |
| S35 | 10   | "al.sub."\$4 near1 "ga.sub."\$4 near1 "n"  | US-PGPUB  | OR | ON  | 2006/10/26<br>15:59 |
| S36 | 2    | passive adj tagging and isotope  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/05/08<br>14:32 |
| S37 | 11   | passive adj tag\$4 and isotope   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/05/08<br>14:33 |
| S38 | 1457 | ((376/347) or (376/354) or (376/383) or<br>(376/384) or (376/385) or (376/386) or<br>(376/396) or (376/402) or (376/404) or<br>(376/405) or (376/408) or (376/424)).CCLS.  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/05/08<br>17:54 |
| S39 | 33   | S38 and gas adj turbine and second adj<br>coolant third adj2 circuit and steam adj<br>turbine  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/05/08<br>17:56 |
| S40 | 30   | S38 and gas adj turbine and second adj<br>coolant third adj2 circuit and steam adj<br>turbine and @ad< "20030408"  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/05/08<br>18:21 |

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| S41 | 4       | "3218802".pn.   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/05/08<br>18:25 |
| S42 | 2       | "4842054".pn.   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/05/08<br>18:52 |
| S43 | 3657019 | power plant.ti,ab,clm. and gas adj turbine.ti,<br>ab,clm.   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/05/08<br>18:52 |
| S44 | 3782    | power adj plant.ti,ab,clm. and gas adj turbine.<br>ti,ab,clm.   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/05/08<br>18:52 |
| S45 | 694     | power adj plant.ti,ab,clm. and gas adj turbine.<br>ti,ab,clm. and heat adj exchange\$1.ti,ab,clm.   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/05/08<br>18:53 |
| S46 | 12      | power adj plant.ti,ab,clm. and gas adj turbine.<br>ti,ab,clm. and heat adj exchange\$1.ti,ab,clm.<br>and helium and nitrogen  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/05/08<br>18:54 |
| S47 | 1       | power adj plant.ti,ab,clm. and gas adj turbine.<br>ti,ab,clm. and heat adj exchange\$1.ti,ab,clm.<br>and helium and nitrogen and single adj shaft                                     | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/05/08<br>18:57 |
| S48 | 0       | power adj plant.ti,ab,clm. and gas adj turbine.<br>ti,ab,clm. and steam adj turbine.ti,ab,clm.<br>and heat adj exchange\$1.ti,ab,clm. and<br>helium and nitrogen and single adj shaft | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/05/08<br>18:57 |
| S49 | 0       | power adj plant and gas adj turbine and<br>steam adj turbine and heat adj exchange\$1.<br>and helium and nitrogen and single adj shaft  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/05/08<br>18:58 |
| S50 | 0       | gas adj turbine and steam adj turbine and<br>heat adj exchange\$1. and helium and<br>nitrogen and single adj shaft  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/05/08<br>18:58 |
| S51 | 4       | gas adj turbine and steam adj turbine and<br>heat adj exchange\$1 and helium and<br>nitrogen and single adj shaft   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/05/08<br>19:11 |
| S52 | 77      | third near1 (heat adj exchange\$1) near2<br>circuit   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/05/08<br>19:26 |

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| S53 | 15  | third near1 (heat adj exchange\$1) near2 circuit and (nuclear generator)  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/05/08<br>19:26 |
| S54 | 21  | "6,060752"  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/06/05<br>19:15 |
| S55 | 2   | ("6060752").PN.   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/06/05<br>19:15 |
| S56 | 1   | (US-20060056572-\$).did.  | US-PGPUB  | OR | OFF | 2007/08/27<br>16:47 |
| S57 | 1   | (US-20060056572-\$).did. and (medium adj pressure steam adj turbine)  | US-PGPUB  | OR | ON  | 2007/08/27<br>16:49 |
| S58 | 0   | (US-20060056572-\$).did. and tertiary adj circuit near10 (medium adj pressure steam adj turbine)                      | US-PGPUB  | OR | ON  | 2007/08/27<br>16:49 |
| S59 | 1   | (US-20060056572-\$).did. and tertiary adj circuit near10 (medium adj pressure steam adj turbine)                      | US-PGPUB  | OR | ON  | 2007/08/27<br>18:04 |
| S60 | 2   | ("4842054").PN.   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/08/27<br>18:04 |
| S61 | 0   | ("efficiencynear10((tertiarythird"three")near3 (cyclecircuit))").PN.  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/08/27<br>22:59 |
| S62 | 356 | efficiency near10 ((tertiary third "three") near3 (cycle circuit))  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/08/27<br>22:59 |
| S63 | 45  | efficiency near10 ((tertiary third "three") near3 (cycle circuit)) and heat adj exchange                              | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/08/27<br>23:55 |
| S64 | 3   | efficiency near10 ((tertiary third "three") near3 (cycle circuit)) and heat adj exchange and (helium near20 nitrogen) | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/08/27<br>23:56 |
| S65 | 1   | (US-20060056572-\$).did.  | US-PGPUB  | OR | OFF | 2007/08/28<br>01:29 |
| S66 | 1   | (US-20060056572-\$).did. and condenser  | US-PGPUB  | OR | ON  | 2007/08/28<br>01:29 |
| S67 | 1   | heat adj exchanger and plate adj exchanger and tertiary adj (circuit cycle)   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/08/28<br>08:45 |

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| S68 | 44   | heat adj exchanger and plate adj exchanger<br>and counter-current     | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/08/28<br>08:45 |
| S69 | 5    | heat adj exchanger and plate adj exchanger<br>near6 counter-current   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/08/28<br>08:46 |
| S70 | 9    | heat adj exchanger and plate adj exchanger<br>near6 counter\$1current | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/08/28<br>08:54 |
| S71 | 0    | fr-1038859\$-\$.did.  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/08/28<br>08:53 |
| S72 | 0    | fr-10038859\$-\$.did.   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/08/28<br>08:53 |
| S73 | 3    | plate adj exchanger near6 counter\$1current<br>and nuclear and fluid  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/08/28<br>08:57 |
| S74 | 0    | ((585/166) or (585/167)).CCLS.  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/08/28<br>08:57 |
| S75 | 2683 | ((165/166) or (165/167)).CCLS.  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/08/28<br>08:57 |
| S76 | 0    | S75 and helium and nitrogen and plate adj<br>exchanger                | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/08/28<br>08:58 |
| S77 | 7    | S75 and helium and nitrogen   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/08/28<br>09:17 |
| S78 | 32   | (plate plate-fin) adj exchanger near10 gas                            | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/08/28<br>09:18 |
| S79 | 0    | (plate plate-fin) adj exchanger near10 gas<br>and nuclear             | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/08/28<br>09:18 |

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| S80 | 4   | (plate plate-fin) adj exchanger near10 (gas fluid) and nuclear   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB                 | OR | ON | 2007/08/28<br>09:23 |
| S81 | 43  | (plate plate-fin) adj exchanger near10 (gas)   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB                 | OR | ON | 2007/08/28<br>09:56 |
| S82 | 985 | heat adj exchanger.ti,ab,clm. and "376"/\$7.<br>ccls.  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB                 | OR | ON | 2007/08/28<br>09:56 |
| S83 | 658 | heat adj exchanger.ti,ab,clm. and "376"/\$7.<br>ccls.  | USPAT   | OR | ON | 2007/08/28<br>09:56 |
| S84 | 91  | heat adj exchanger.ti,ab,clm. and (plate plate-<br>fin) near4 exchanger and "376"/\$7.ccls.                  | USPAT   | OR | ON | 2007/08/28<br>09:57 |
| S85 | 3   | heat adj exchanger.ti,ab,clm. and (plate plate-<br>fin) near4 exchanger near6 gas and "376"/\$7.<br>ccls.    | USPAT   | OR | ON | 2007/08/28<br>11:00 |
| S86 | 0   | HTGR and (plate plate-fin) adj heat adj<br>exchange  | USPAT   | OR | ON | 2007/08/28<br>11:00 |
| S87 | 25  | HTGR and ((plate plate-fin) adj heat adj<br>exchange PHE PFHE)   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/28<br>11:02 |
| S88 | 4   | HTGR and ((plate plate-fin) near3 (heat adj<br>exchange\$1 PFHE))  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/28<br>11:34 |
| S89 | 4   | HTGR and ((plate plate-fin) near3 (heat adj<br>exchange\$1 PFHE)) and exchange\$1                            | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/28<br>16:03 |
| S90 | 7   | valve near10 primary near10 secondary<br>near10 circuit and nuclear and heat adj<br>exchange                 | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/28<br>16:07 |
| S91 | 7   | (equilibrat\$3 valve) near10 primary near10<br>secondary near10 circuit and nuclear and<br>heat adj exchange | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/28<br>16:09 |
| S92 | 91  | (equilibrat\$3 valve) near10 primary near10<br>secondary near10 circuit and heat adj<br>exchange             | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/28<br>16:10 |



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|------|------|--|---|----|-----|---------------------|
| S93  | 1    | (US-20060056572-\$).did.   | US-PGPUB  | OR | OFF | 2007/08/28<br>16:26 |
| S94  | 1    | (US-20060056572-\$).did. and valve   | US-PGPUB  | OR | ON  | 2007/08/28<br>16:26 |
| S95  | 2    | ("4,873,822").PN.  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/08/29<br>09:45 |
| S96  | 0    | ("heatadjexchangenear6valve").PN.  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/08/29<br>09:45 |
| S97  | 19   | heat adj exchange near6 valve near6<br>(equalizing equalize equal equilibrate<br>equilibrati\$2) | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/08/29<br>09:50 |
| S98  | 2110 | 165/166.ccls.  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/08/29<br>09:52 |
| S99  | 646  | 165/165.ccls.  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/08/29<br>09:52 |
| S100 | 741  | 165/164.ccls.  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/08/29<br>09:52 |
| S101 | 808  | 165/167.ccls.  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/08/29<br>09:52 |
| S102 | 3846 | S98 S99 S100 S101  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/08/29<br>09:52 |
| S103 | 1    | S102 and valve near4 primary near4<br>secondary  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/08/29<br>09:53 |
| S104 | 2    | S102 and valve near8 primary near8<br>secondary  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/08/29<br>09:55 |
| S105 | 2    | S102 and valve near16 primary near16<br>secondary  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/08/29<br>09:56 |

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|------|-----|---|---|----|-----|---------------------|
| S106 | 0   | S102 and valve near6 (equilize equilibrating<br>equilibrati\$2 equilibrate)   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/08/29<br>09:57 |
| S107 | 217 | S102 and valve and heat adj exchange  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/08/29<br>13:23 |
| S108 | 459 | semi-permeable and heat adj exchange  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/08/29<br>13:23 |
| S109 | 12  | semi-permeable near20 (heat adj exchange)   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/08/29<br>13:28 |
| S110 | 13  | valve near20 (heat adj exchange) near20<br>(primary adj2 circuit) near20 (secondary adj2<br>circuit)                                  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/08/29<br>13:34 |
| S111 | 384 | valve near20 (primary adj2 circuit) near20<br>(secondary adj2 circuit)  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/08/29<br>13:35 |
| S112 | 16  | valve near20 (primary adj2 circuit) near20<br>(secondary adj2 circuit) and ("165"/\$7.ccls.<br>"376"/\$7.ccls.) and heat adj exchange | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/08/29<br>13:56 |
| S113 | 2   | ("6154196").PN.   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/08/29<br>13:56 |
| S114 | 2   | ("6554196").PN.   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/08/29<br>13:56 |
| S115 | 2   | (US-6554196-\$).did. or (US-20010037652-\$).<br>did.  | USPAT;<br>DERWENT                                       | OR | OFF | 2007/08/29<br>13:56 |
| S116 | 1   | S115 and valve and heat adj exchanger and<br>primary adj2 circuit and secondary adj2<br>circuit                                       | USPAT;<br>DERWENT                                       | OR | ON  | 2007/08/29<br>13:59 |
| S117 | 2   | ("20010037652").PN.   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/08/29<br>13:58 |
| S118 | 0   | S117 and valve and heat adj exchanger and<br>primary adj2 circuit and secondary adj2<br>circuit                                       | USPAT;<br>DERWENT                                       | OR | ON  | 2007/08/29<br>13:58 |
| S119 | 0   | S117 and valve and primary adj2 circuit and<br>secondary adj2 circuit   | USPAT;<br>DERWENT                                       | OR | ON  | 2007/08/29<br>13:58 |

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|------|------|---|---|----|-----|---------------------|
| S120 | 1    | S117 and valve and primary adj2 circuit and secondary adj2 circuit  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/08/29<br>13:58 |
| S121 | 1    | S115 and valve and heat adj exchanger and primary adj2 circuit and secondary adj2 circuit   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/08/29<br>13:59 |
| S122 | 124  | S111 and valve and heat adj exchanger and primary adj2 circuit and secondary adj2 circuit   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/08/29<br>13:59 |
| S123 | 124  | S122 and valve and heat adj exchanger and primary adj2 circuit and secondary adj2 circuit   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/08/29<br>14:45 |
| S124 | 4872 | ((376/347) or (376/354) or (376/383) or (376/384) or (376/386) or (376/402) or (165/164) or (165/165) or (165/166) or (165/167)).CCLS.  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB                 | OR | OFF | 2007/08/29<br>14:46 |
| S125 | 1    | S124 and (third tertiary) near4 (circuit cycle) and (heat\$1exchange heat adj exchange) and (He helium) near10 (N nitrogen) and gas near1 turbine and steam   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB                 | OR | ON  | 2007/08/29<br>14:49 |
| S126 | 1    | S124 and (third tertiary) near4 (circuit cycle) and (heat\$1exchange heat adj exchange) and (He helium) near10 (N nitrogen) and turbine and steam   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB                 | OR | ON  | 2007/08/29<br>14:50 |
| S127 | 1    | S124 and (third tertiary) near4 (circuit cycle loop) and (heat\$1exchange heat adj exchange) and (He helium) near10 (N nitrogen) and turbine and steam  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB                 | OR | ON  | 2007/08/29<br>14:50 |
| S128 | 1    | S124 and (third tertiary) near4 (circuit cycle loop flow) and (heat\$1exchange heat adj exchange) and (He helium) near10 (N nitrogen) and turbine and steam   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB                 | OR | ON  | 2007/08/29<br>14:50 |
| S129 | 1    | S124 and (third three tertiary) near4 (circuit cycle loop flow) and (heat\$1exchange heat adj exchange) and (He helium) near10 (N nitrogen) and turbine and steam   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB                 | OR | ON  | 2007/08/29<br>14:50 |
| S130 | 2    | ((michel near1 (le\$1comte "le" near1 comte)). in. framatome.as.) and (third three tertiary) near4 (circuit cycle loop flow) and (heat \$1exchange heat adj exchange) and (He helium) near10 (N nitrogen) and turbine and steam | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB                 | OR | ON  | 2007/08/29<br>14:52 |
| S131 | 1    | (US-20060056572-\$).did.  | US-PGPUB  | OR | ON  | 2008/04/28<br>08:31 |

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|------|-----|---|---|----|-----|---------------------|
| S132 | 1   | S131 and bypass\$3  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2008/04/28<br>08:31 |
| S133 | 1   | S131 and heat adj exchanger adj heater  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2008/04/28<br>08:36 |
| S134 | 300 | griepentrog.in.   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2008/04/28<br>08:48 |
| S135 | 8   | griepentrog.in. and turbine   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2008/04/28<br>08:48 |
| S136 | 0   | (plural plurality several) near2 (heat adj exchange adj circuits) same efficiency | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2008/04/28<br>11:06 |
| S137 | 10  | (plural plurality several) near2 (heat adj exchange adj circuits) and efficiency  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2008/04/28<br>11:06 |
| S138 | 26  | efficiency near20 (temperature near3 difference) near20 heat adj exchange         | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2008/04/28<br>11:09 |
| S139 | 561 | cycles near4 number near4 efficiency  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB                 | OR | OFF | 2008/04/30<br>15:28 |
| S140 | 45  | cycles near4 number near4 efficiency and heat adj exchanger                       | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB                 | OR | OFF | 2008/04/30<br>15:28 |
| S141 | 3   | cycles near4 number near4 efficiency near20 (heat adj (exchange exchanger))       | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB                 | OR | ON  | 2008/04/30<br>15:29 |
| S142 | 2   | JP-08240393\$-\$.did.   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB                 | OR | ON  | 2008/04/30<br>15:32 |

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|------|------|---|---|----|-----|---------------------|
| S143 | 0    | "number of cycles" near10 efficiency and (heat adj (exchange exchanger))                                  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB                 | OR | ON  | 2008/04/30<br>15:33 |
| S144 | 1    | (multi\$1cycle same (heat adj transfer)) same efficiency and (heat adj (exchange exchanger))              | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB                 | OR | ON  | 2008/04/30<br>16:27 |
| S145 | 24   | (multi\$1cycle and (heat adj transfer)) and efficiency and (heat adj (exchange exchanger))                | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB                 | OR | ON  | 2008/04/30<br>16:28 |
| S146 | 271  | pressure near2 (equali?ing equali?er) near4 valve   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2008/04/30<br>18:24 |
| S147 | 2169 | pressure near2 (equali?ing equali?er) near2 valve   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2008/04/30<br>18:24 |
| S148 | 965  | pressure near2 (equali?ing equali?er) near2 valve.ti,ab,clm.  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2008/04/30<br>18:24 |
| S149 | 25   | pressure near2 (equali?ing equali?er) near2 valve.ti,ab,clm. AND (CYCLE CIRCUIT) and heat adj exchange\$1 | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2008/04/30<br>18:25 |
| S150 | 80   | heat adj exchanger and multiple adj (circuit cycle) and efficiency  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB                 | OR | OFF | 2008/04/30<br>19:11 |
| S151 | 600  | ((165/104.11) or (165/104.13)).CCLS.  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/05/01<br>09:06 |
| S152 | 19   | S151 and (third three ternary tertiary treble triple) near4 (cycle circuit stage)                         | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2008/05/01<br>09:08 |
| S153 | 4994 | ((165/164) or (165/165) or (165/166) or (165/167)).CCLS.  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/05/01<br>09:11 |

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| S154 | 57   | S153 and (third three ternary tertiary treble triple) near4 (cycle circuit stage)             | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2008/05/01<br>09:11 |
| S155 | 1220 | ((376/347) or (376/354) or (376/383) or (376/386) or (376/402)).CCLS.                         | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/05/01<br>09:13 |
| S156 | 26   | S155 and (third three ternary tertiary treble triple) near4 (cycle circuit stage)             | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2008/05/01<br>09:13 |
| S157 | 102  | S152 S154 S156  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2008/05/01<br>09:13 |
| S158 | 66   | S157 and @ad<"20030408"   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2008/05/01<br>09:14 |
| S159 | 37   | S157 and @ad<"20030408" and gas   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2008/05/01<br>09:31 |
| S160 | 1    | (US-20060056572-\$).did.  | US-PGPUB  | OR | ON  | 2008/05/01<br>13:38 |
| S161 | 0    | (US-20060056572-\$).did. and fourth   | US-PGPUB  | OR | ON  | 2008/05/01<br>13:39 |
| S162 | 1    | (US-20060056572-\$).did. and circuit  | US-PGPUB  | OR | ON  | 2008/05/01<br>13:52 |
| S163 | 1    | (US-20060056572-\$).did. and bypass   | US-PGPUB  | OR | ON  | 2008/05/01<br>14:55 |
| S164 | 1    | (US-20060056572-\$).did. and closed adj circuit   | US-PGPUB  | OR | ON  | 2008/05/01<br>15:35 |
| S165 | 1    | (US-20060056572-\$).did. and counter-current  | US-PGPUB  | OR | ON  | 2008/05/01<br>15:44 |
| S166 | 40   | pressure near2 valve near4 (cycle circuit loop) and heat adj exchanger and nuclear            | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2008/05/01<br>16:04 |
| S167 | 12   | pressure near2 valve near4 (cycle circuit loop) ti,ab,clm. and heat adj exchanger and nuclear | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2008/05/01<br>16:06 |

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| S168 | 0    | shaft near4 series near4 stages and nuclear and heat adj exhcanger  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/05/01<br>17:28 |
| S169 | 2    | shaft near4 series near4 stages and nuclear and heat adj exchange   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/05/01<br>17:29 |
| S170 | 2    | shaft near4 series near4 stages and nuclear and heat adj exchange\$1  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/05/01<br>17:29 |
| S171 | 206  | shaft near4 (common series) and nuclear and heat adj exchange\$1  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/05/01<br>17:30 |
| S172 | 25   | shaft near4 (common series) and nuclear and heat adj exchange\$1 and turbines near10 series   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2008/05/01<br>17:30 |
| S173 | 2180 | steam adj generator near4 (heat adj exchanger)  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2008/05/01<br>19:13 |
| S175 | 297  | steam adj generator near3 (heat adj exchanger).ti,ab,clm. and nuclear.ti,ab,clm.  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2008/05/01<br>19:14 |
| S176 | 5    | steam adj generator near4 (upstream downstream) near4 (heat adj exchanger).ti,ab,clm. and nuclear.ti,ab,clm.  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2008/05/02<br>07:59 |
| S177 | 5    | steam adj generator near4 (upstream downstream) near4 (heat adj exchanger).ti,ab,clm. and nuclear.ti,ab,clm. and steam adj generator and heat adj exchanger                   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2008/05/02<br>08:04 |
| S178 | 4    | steam adj generat?r near4 (upstream downstream) near4 (heat adj exchange\$1 pre \$1heater).ti,ab,clm. and nuclear.ti,ab,clm. and steam adj generat?r and heat adj exchange\$1 | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2008/05/02<br>08:08 |

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|------|-----|---|---|----|----|---------------------|
| S179 | 353 | steam adj generator near4 (heat adj exchanger).ti,ab,clm. and nuclear.ti,ab,clm.          | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/05/02<br>08:13 |
| S180 | 1   | (US-20060056572-\$).did.  | US-PGPUB  | OR | ON | 2008/05/02<br>09:54 |
| S181 | 1   | S180 and counter-current  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/05/02<br>09:55 |
| S182 | 22  | counter-current adj heat adj exchanger.ti.  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/05/02<br>09:56 |
| S183 | 1   | (US-20060056572-\$).did. and compressor   | US-PGPUB  | OR | ON | 2008/05/02<br>11:02 |
| S184 | 1   | (US-20060056572-\$).did. and compression adj ratio  | US-PGPUB  | OR | ON | 2008/05/02<br>11:25 |
| S185 | 65  | nuclear and heat adj exchange\$1 and turbine and gas and steam and compression adj ratio  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/05/02<br>11:30 |
| S186 | 30  | nuclear and heat adj exchange\$1 and turbine and gas and helium and compression adj ratio | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/05/02<br>11:38 |

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